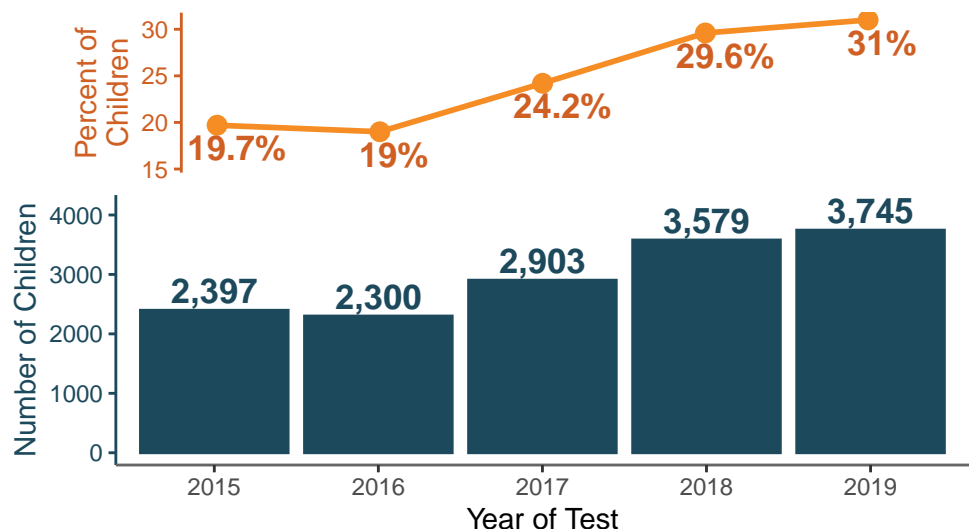


# 2019 LEAD EXPOSURE DATA BRIEF FOR THE GREATER MANCHESTER REGION

Lead poisoning is entirely preventable. However, nearly 1 million children living in the United States have blood levels high enough to impair their ability to think, learn, and concentrate.

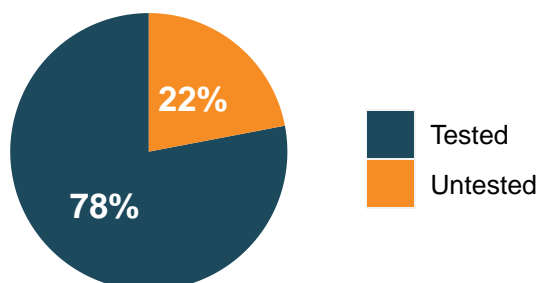
In 2019, 91 children (0 – 72 months old) in the Greater Manchester Region were identified with elevated blood lead levels of 5 ug/dL or higher.

**Annual Number (and Percent) of Children, 0 to 72 Months Old, Tested for Blood Lead in the Greater Manchester Region 2015 – 2019**



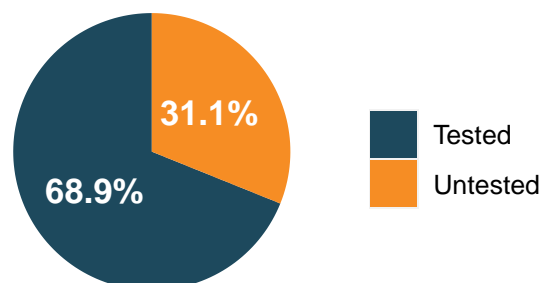
## Percent of Children Tested per New Hampshire Screening and Management Guidelines

**Percent of One-Year-Old Children Tested for Blood Lead**



In 2019, 78% of one year-old (12–23 month-old) children residing in the Greater Manchester Region were tested for lead in their blood (1,600 of an estimated 2,051 children).

**Percent of Two-Year-Old Children Tested for Blood Lead**



In 2019, 68.9% of two year-old (24–35 month-old) children residing in the Greater Manchester Region were tested for lead in their blood (1,402 of an estimated 2,035 children).

**In 2018, New Hampshire passed a state law requiring providers to conduct blood lead level tests for all one and two year-old children.**

# Childhood Lead Exposure by Town, 2019

TOWN	AGE GROUP (IN MONTHS)	POPULATION DPHS ESTIMATE 2018	NUMBER TESTED 2019	PERCENT TESTED (%) 2019	NUMBER WITH EBLL 5+ ug/dL 2019 ONLY	NUMBER WITH EBLL 5+ ug/dL 2015–2019	NUMBER WITH EBLL 10+ ug/dL VENOUS TESTS 2015–2019
AUBURN	0 to 72	292	106	36	1 – 4	1 – 4	0
	12 to 23	55	48	87	0	1 – 4	0
	24 to 35	41	37	90	1 – 4	1 – 4	0
BEDFORD	0 to 72	1326	360	27	1 – 4	13	1 – 4
	12 to 23	173	137	79	1 – 4	6	0
	24 to 35	207	146	70	1 – 4	1 – 4	1 – 4
CANDIA	0 to 72	196	64	33	1 – 4	7	1 – 4
	12 to 23	32	30	94	0	1 – 4	0
	24 to 35	29	25	86	0	1 – 4	0
DEERFIELD	0 to 72	306	79	26	0	8	0
	12 to 23	51	40	78	0	1 – 4	0
	24 to 35	43	31	72	0	1 – 4	0
GOFFSTOWN	0 to 72	844	271	32	1 – 4	17	1 – 4
	12 to 23	135	112	83	0	9	1 – 4
	24 to 35	134	107	80	1 – 4	1 – 4	1 – 4
HOOKSETT	0 to 72	872	220	25	0	10	1 – 4
	12 to 23	130	90	69	0	8	1 – 4
	24 to 35	142	87	61	0	1 – 4	0
NEW BOSTON	0 to 72	424	88	21	1 – 4	1 – 4	0
	12 to 23	74	40	54	0	1 – 4	0
	24 to 35	72	33	46	1 – 4	1 – 4	0
MANCHESTER	0 to 72	7813	2557	33	83	477	85
	12 to 23	1401	1103	79	33	190	39
	24 to 35	1367	936	68	20	155	24
CENTER MANCHESTER	0 to 72	2709	983	36	62	366	65
	12 to 23	498	395	79	22	137	28
	24 to 35	490	348	71	14	117	18
EAST MANCHESTER	0 to 72	3575	1088	30	13	59	13
	12 to 23	638	491	77	1 – 4	23	7
	24 to 35	615	414	67	5	24	1 – 4
WEST MANCHESTER	0 to 72	1530	486	32	8	52	7
	12 to 23	265	217	82	7	30	1 – 4
	24 to 35	262	174	66	1 – 4	14	1 – 4
GREATER MANCHESTER	0 to 72	12073	3745	31	91	537	94
	12 to 23	2051	1600	78	34	222	43
	24 to 35	2035	1402	69	25	170	27

Childhood blood lead test data is from the NH Healthy Homes Childhood Lead Poisoning Prevention Program. Elevated blood lead levels (EBLL) 5+ ug/dL is defined as a venous or capillary blood test with a result of 5 micrograms per deciliter (ug/dL) or higher. Exact numbers or percents cannot be reported when there are 1–4 cases due to suppression guidelines to protect privacy.

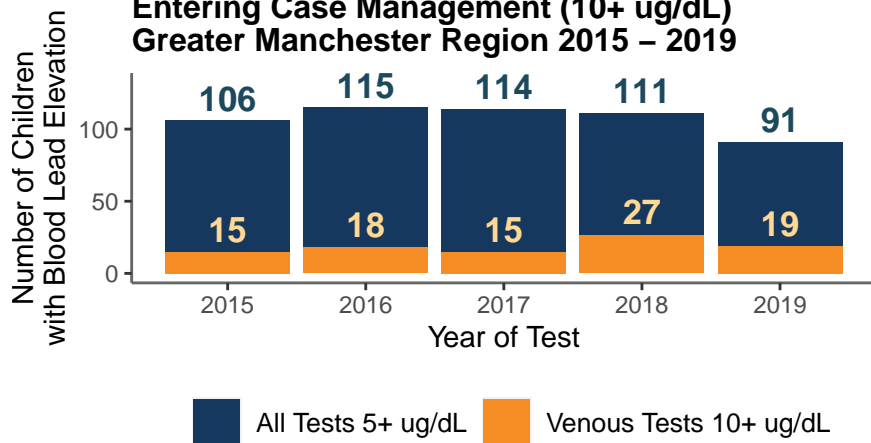
# Childhood Lead Risk Factors by Town

TOWN	POPULATION UNDER 6 YO PERCENT (%)	HOUSING UNITS BUILT PRE-1950 PERCENT (%)	HOUSEHOLDS MOVED IN LAST YEAR PERCENT (%)	RENTED HOUSING UNITS W/ CHILDREN UNDER 6 YO PERCENT (%)	UNDER 6 YO LIVING BELOW FED. POVERTY LEVEL PERCENT (%)	UNDER 6 YO IN WITH NO HEALTH INSURANCE PERCENT (%)
AUBURN	6.6	15	0	12	0	5.1
BEDFORD	8.6	7	3.5	3	1.2	0
CANDIA	5.1	25	2.7	0	0	0
DEERFIELD	4.3	26	4.2	15	3.8	5.2
GOFFSTOWN	5.6	24	3.9	13	5.8	3.7
HOOKSETT	5.2	9	2.7	14	3.4	0
NEW BOSTON	7.9	8	3.1	3	0	0
MANCHESTER	7	39	8.2	67	23	3.5
CENTER MANCHESTER	8.4	69	11.3	90	40.5	3.9
EAST MANCHESTER	6.5	27	6	52	6.4	2.6
WEST MANCHESTER	5.9	23	8.4	62	26.9	4.7
GREATER MANCHESTER	6.8	30	6.3	45	15	2.7

Risk factor data is from the American Community Survey (ACS), 5-Year Estimate Data (2014–2018). Percent of renters with children under 6 yo was calculated from housing units with known occupancy status and known age of occupants. Under 6 yo living below federal poverty level was calculated from the number of children in households with income less than the federal poverty level for whom poverty status was determined. Note, percentages for smaller towns may have a large error.

# Childhood Lead Exposure

**Annual Number of Children 0 to 72 Months Old with Test Above the National Reference Level (5+ ug/dL) or Entering Case Management (10+ ug/dL) Greater Manchester Region 2015 – 2019**



It only takes a speck of lead dust the size of a grain of salt to poison a child

**Number of Children 0 to 72 Months Old with Elevated Blood Lead Levels 5+ ug/dL by Town (or Census Tract) in the Greater Manchester Region, 2015–2019**

